

19990418.qrp v01_n430.qrl.990418

Date: Sun, 18 Apr 1999 19:04:02 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1430

QRP-L Digest 1430

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by Nils R Young <nilsbull@juno.com>
- 2) [38391] QRPTTF Update from NV
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- 3) [38392] Re: Ten is a no go!
by "John J. McDonough" <jjmcd@tm.net>
- 4) [38393] RE: Part of the day (IC)
by "Ed Tanton" <n4xy@att.net>
- 5) [38394] SCF-1A
by Norm Melick <henmel@worldnet.att.net>
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by Jeff Johns <jeffj@scott.net>
- 12) [38401] Ten Tec
by Fred J Kalt <w2xn@juno.com>
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- 14) [38403] More QRPers headed for Hamcom 99 + additonal Regen Info
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 15) [38404] Re: FS: QRP gear
by mikemo@ibm.net
- 16) [38405] Iowa QRP at Des Moines hamfest 4/24/99
by "John Burnley" <burnley-ia@worldnet.att.net>
- 17) [38406]
by "Frank" <ke6vhm@earthlink.net>
- 18) [38407] Re: QRPTTF
by Dean W Manley <kh6b@juno.com>

- 19) [38408] Re: Regen Circuit
by herr@ridgecrest.ca.us (Michael Herr)
- 20) [38409]
by "Frank" <ke6vhm@earthlink.net>
- 21) [38410] Re: QRPTTF
by "Paul Harden, NA5N" <na5n@rt66.com>
- 22) [38411] NC40a question
by sda <sda@bellsouth.net>
- 23) [38412] Pixie inductor experiments
by Jim Glover <psykey@okcforum.org>
- 24) [38413] QRP+ reviews
by "Tom H" <biskit@snip.net>
- 25) [38414] Re: SST 20 Tuning Range - More!
by Wayne Burdick <n6kr@elecraft.com>
- 26) [38415] Trade HW-8
by Mercxx@aol.com
- 27) [38416] Re:
by Tom Palmer <n1tp@worldnet.att.net>
- 28) [38417] Corner Reflectors, Part 3
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 29) [38418] Re: drift in qrp+ using psk
by John R Kirby <n3aaz-qrp@juno.com>
- 30) [38419] Any QRP'rs near Aliso Viejo, CA??
by Neil Klagge <w0yse@juno.com>
- 31) [38420] PalmPilot Logging
by Ed Lawson <elawson@lr.net>
- 32) [38421] Re: Hamcom 99 + Regen Shipping
by W5TB <w5tb@softhome.net>
- 33) [38422] Palm Logging
by "George Goodroe" <goodroe@worldnet.att.net>
- 34) [38423] Re:
by wa8rxi@juno.com
- 35) [38424] QRPTTF
by Gary Harrison <k0bc@ipa.net>
- 36) [38425] [FS] Alpha Delta 80-10 short dipole - price dropped
by Mike Boice <boice@bigfoot.com>
- 37) [38426] [FS] partially built QRP 30m xcvr
by Mike Boice <boice@bigfoot.com>
- 38) [38427] [FS] New circuit boards for 20/30m xcvr
by Mike Boice <boice@bigfoot.com>
- 39) [38428] Re: Ten is a no go!
by Peter Larsen <larsenp@cadvision.com>
- 40) [38429] spring bouquet...bad condx...
by Mighty Mik <mitymik@hooked.net>
- 41) [38430] Re: QRPTTF
by Dean W Manley <kh6b@juno.com>
- 42) [38431] TRILLIUM FOR GRABS (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>

- 43) [38432] Spring Bouquet Trillium Station Tuesday
by "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
- 44) [38433] Live in MO? IL? KS? OK? IA? AR?
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 45) [38434] New e-mail address
by "Junius B. Fox" <w5hir@ghg.net>
- 46) [38435] Transistor
by Jeff Johns <jeffj@scott.net>
- 47) [38436] FS: GPS/HT's/10Mtr
by wb2vuo@juno.com
- 48) [38437] Re: [FS] New circuit boards for 20/30m xcvr
by The Boices <boice@bigfoot.com>
- 49) [38438] Re: [FS] partially built QRP 30m xcvr
by The Boices <boice@bigfoot.com>
- 50) [38439] FS
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 51) [38440] QRPTTF: Six Days Left! Got yer sunscreen?
by Joe Gervais <vole@primenet.com>
- 52) [38441] FS 2mtr/440 HT&Acc
by "Francis Callahan" <colcal@srv.net>
- 53) [38442] Re: QRP+ reviews
by "Robert Friess" <rfriess@ibm.net>
- 54) [38443] NorCal 40a (again!)
by KC7MES@aol.com
- 55) [38444] Re: NorCal 40a (again!)
by "Radman" <radman@best.com>
- 56) [38445] Diamond's new switching PS...
by "Radman" <radman@best.com>
- 57) [38446] Spring Bouquet
by Tom Palmer <n1tp@worldnet.att.net>
- 58) [38447] [Fwd: NorCal 40a (again!)]
by Stan Goldstein <stan@cruzio.com>
- 59) [38448] Fw: PSK31
by "wayne reed" <wlreed@viaduct.custom.net>
- 60) [38449] Projects, projecrts, projects...
by "Steven Weber" <kd1jv@moose.ncia.net>
- 61) [38450] For Sale: Something For Everyone
by RadioKOL@aol.com
- 62) [38451] Reply TO Replies ON QRP+ Drift in psk mode
by hamjoel@juno.com

Date: Sat, 17 Apr 1999 16:36:41 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [38390] Fifth graders, Morse code, keys & a couple chicano kids, among
other gibberings

Message-ID: <19990417.163649.5062.1.nilsbull@juno.com>

Gang,

Thursday night Cindy & Andy & I celebrated having mailed off the tax paperwork by going to a concert of Ensemble Kalinda, a latino music group that plays all kinds of stuff . . . bomba, meringue, cha-cha-cha &c. Even bought a CD. Added it to my growing collection of music not sung in English.

Then on Friday I walked Andy to school. Stopped at the office & talked with the social studies teacher who was interested in having me show the kids the code key collection. (They'd started a unit on the Industrial Revolution, the pre-Civil War society & had crossed paths with the Morse code.) So I went back at 12:15 with a box of keys, a home-brew key & sounder set up & a buzzer & J37. They were kinda interested. We sent messages from one table to the next & they saw how it was timing . . . always timing. Then I talked about the keys & how the world had changed since the first Morse code (which was originally a take on printing, but that's another story) & the Russian keys that I had. I even showed 'em some CW on the Sony shortwave box . . . Chuck's right: 30m is always open.

One thing I learned is that my view of the communications story is much more philosophical than most fifth graders want to even think about. Except for Andy, who thinks about all kinds of stuff that amazes me. And Diego & Ricardo, the two chicano kids in the class. They wanted to know how they could build the stuff. I left 'em some paperwork with the teacher & wondered how well I'd bored them with the links between the internet, telephones & the click-clack of the home brew sounder.

Guess I wasn't cut out to teach elementary school kids . . . 'cept my own. But that's another story. So I'll break some of it down here: It's amazing how the elements of chipping out a flint blade are as linear as language, which is linearly represented in writing, which elicits a linear process of language in the reader's mind, including the spots on the page around the text. And the linear nature of data transmission . . . digital audio disks &c. And we do it without even thinking. It's transparent to us. Hell, even music is linear. 'Cept for Stan Kenton & Ornette Coleman, which is another story . . . kinda.

"There's a radio station in there." (cf:
<http://www.geocities.com/Athens/Olympus/9172/hobbies.html>)

I wonder if any of those kids thought about the radio?

73
Nils

P.S.: The weather here is downright miserable. Cold, rain, wind. Kinda makes me glad they moved the Hamvention dates into May, by which time El Niño will have stabilized the rotten weather a bit more . . .

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 17:10:58 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [38391] QRPTTF Update from NV
Message-ID: <Pine.SUN.4.10.9904171648120.624-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
As previously reported, Doug KI6DS and XYL, Jan N0QT and myself were flying into Las Vegas, NV, then drive to Laughlin, NV (tough duty to have to hang out at the casino's in Laughlin) to operate from the CA/AZ/NV border about 12 miles away. BUT ... we have been contacted by a party that also wants to operate from that 3 corners. So we're quickly working on Plan B.

Since our plane tickets are already bought for Vegas, that part will still hold. We are thinking about driving south of Vegas to operate from the CA/NV border ... or perhaps operate from nearby Hoover Dam. The NV/AZ border runs right through the center of the dam, with a visitors parking lot and some gift shops/gas station/restaurants not far away. I doubt we'll be lucky enough to expect one of them to be a Taco Bell! It's a fair haul to the NV/AZ/UT border, and besides, there's this little thing called the Grand Canyon kinda in the way.

We also thought about operating from a Taco Bell in Las Vegas, but I'm sure those 88 jillion lights along the Vegas Strip would be some major QRM. For that matter, the 800 gigawatts being generated at the bottom of Hoover Dam for Los Angeles might be a bear too. Maybe I could like accidently drop a crescent wrench into the generators during the tour?

Sounds like there will be plenty of border stations AND Taco Bell stations on the air, so there will be plenty of opportunities to work these multiple-point stations for some big scores. As for us, you'll have to stay tuned, or find us on for QRPTTF, to see where we ended up! And let's hope that solar flux starts picking up by next weekend.

I wonder if NV/CA/CIRCUS CIRCUS is a valid exchange?

72, Paul NA5N
A ham without a border :-(

Date: Sat, 17 Apr 1999 19:09:04 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38392] Re: Ten is a no go!
Message-ID: <000a01be8927\$530021c0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Paul Harden, NA5N <na5n@rt66.com>

>To be honest, I don't know why the K index is up to 5. I haven't looked
>at any of the data for a couple of days. (Yeah, yeah, I know -- sluffing

uleth posted a warning Thursday for a geomagnetic storm today.
Unfortunately the numbers on their site aren't up to date, but I thought
somewhere I saw today a PAI of 12 or 15 - can't recall where tho. Does seem
to correlate with the way the band sounds, tho.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 17 Apr 1999 19:14:20 -0400
From: "Ed Tanton" <n4xy@att.net>

To: <pmk@juno.com>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [38393] RE: Part of the day (IC)
Message-ID: <000901be8928\$064847d0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Patrick... they are a fixed-frequency pulse-width-modulation control circuit designed primarily for Switchmode Power Supply Control. You can find the 12 pages of Motorola data starting at:

<http://www.mot-sps.com/books/dl128/pdf/tl494rev1f.pdf>

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Sat, 17 Apr 1999 16:20:14 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38394] SCF-1A
Message-ID: <3719172E.1B83BB2B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have just acquired an Oak Hills SCF-1A SCAF.

It has no manual, powers up, but does not work. Very good workmanship inside, and I don't smell or see anything burnt.

I didn't want to bother the new owner about this, given the transistion, so I'd like to ask the list if anyone has a manual for this and some ideas on trouble shooting this nifty little SCAF.

72,

Norm/KQ6SD

Date: Sat, 17 Apr 1999 19:50:36 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [38395] NEQRP ride share: Last Call
Message-ID: <37191E4C.FFB008BE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings, all. I'll be leaving about 6:30 am from Beacon, nr Po'keepsie
NY if anyone would like a ride. Advise a.s.a.p. 72 -s-

--

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 17 Apr 99 18:12:58 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38396] Regenerative Receiver References
Message-ID: <199904180014.TAA10205@carius.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

All - I made my reservatiosn for HamComm, so the good Doctor will be
there to enjoy the regenerative receiver contest. I might even gin up an
entry.

The following references are a good place to start for regenerative
receiver designs and tips;

1. Doug DeMaw, W1FB didn't miss many things related to QRP. There on
pages 108 and 109 of "W1FB's Design Notebook", is a short discussion of
regenerative receivers and a schematic for a simple one appears on page
109. This JFET/LM386 receiver is a good place to start.

2. Paul Harden started a regenny craze here on the QRP-L list in late
1995. His design, "Pipsqueak Regen Receiver" can be found in the March
1996 QRPp on page 14. This simple receiver consists of two NPN
transistors and the good LM386. This receiver is also easily to build and
is a good place to start.

3. Paul was inspired by Charles Kitchin, N1TEV, an applications engineer with Analog Devices. Kitchin published an article in EDN that rekindled Pual's interest in regeneration. Ktchin published a rather comprehensive article about the design of regenerative receivers in the Fall 1995 Communication Quarterly that contains a lot of useful design information. There are designs for 3 receivers ranging from simple to high performance.

4. One of my favorite sources of ideas for Ham Radio projects is Pat Hawker's "Amateur Radio Techniques" (seventh edition). Pat, G3VA, writes the "Technical Topics" column in Radio Communications, the official publication of the Radio Society of Great Britian (RSGB). Pat has several items in the book that discuss regenerative receivers, and has some items I have not seen elsewhere.

It looks like the hardest part of buiilding a regenerative receiver is finding a good source of variable capacitors.

One of the "features" of regenerative receivers is that they radiate a fairly substantial signal at the same frequency they are tuned to unless some buffering is done on the front end. A dozen regennies in the same room should be an interesting thing to observe with each receiver receiving all the other recievers. :^)

I am looking forward to seeing my Texas QRP colleagues. Us New Mexicans are always a little cautious about crossing the border to the east. Rumors of monsters abound. :^)

I plan to come in on Friday morning to be there at noon or so. I will leave Sunday Morning so I will be there for all the activities. Does anybody know of a good cheap way to get from Love Field (I think that is where SouthWest lands) to the Courtyard by Marriott in Arlington? See you at HamComm - Dr. Megacycle KK6MC/5

Date: Sat, 17 Apr 1999 20:54:37 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [38397] WTB: MFJ-9420 SSB XCVR.
Message-ID: <001f01be8936\$099ee480\$913067d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Please e-mail me If you have one that is excess to your needs.

73 de Vince, VE3VFN.

Date: Sun, 18 Apr 1999 02:21:52 +0000 (/etc/localtime)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Subject: [38398] Pixie inductors for 30-m etc?
Message-ID: <199904180221.CAA30174@okcforum.org>
Content-Type: text

What values of inductor does one use in the pi filter of a Pixie for bands other than 80 and 40? I'd especially like to know the value for 30, since I'd like to try getting my Pixie going on that band, soon. Eventually, I'll want to try it on lots of HF bands.

Does anyone have a list of the values? Better yet, can anyone explain how I'd go about calculating the values, or point me toward a good reference? (Would rather be taught how to fish, here, than given a fish...but I won't be picky either way!)

--Jim WB5UDE

Date: Sat, 17 Apr 1999 22:28:29 -0400
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [38399] QRPTTF
Message-ID: <3719434D.6304DAD2@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Man, just thinking about all that contesting makes me hungry!!!!!!!!!!!!

Here is the page with the "Taco Bell Finder":

<http://www.tacobell.com/homepage/default2.asp>

Happy burritos

David,n2zhy
Princeton,NJ

Date: Sat, 17 Apr 1999 21:33:01 -0500
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [38400] Keyer & SW40+ Problem Solved (Diagnosed)
Message-ID: <199904180233.VAA07635x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I want to publically thank everyone who offered advice, help, suggestion, comments and well wishes for getting my Ten-Tec keyer to work with my SW40+. Dave Benson, really went out of his way to help me. I can't say enough good things about Dave. I wish ALL product manufacturers would offer the customer support and service that the kit manufacturers offer. We are really blessed to my interested in a unique aspect of the hobby that is given so much support and help by the makers of kits and accesories.

Anyways, a local amatuer, Lynn Simons KJ3V saw my pleas for help on the list and was kind enough to invite me to his house to try my keyer out on his SW40+ and to try his keyer on my rig. Unfortunately my keyer also did strange things to his rig and thus we have determined that it's my keyer and NOT the SW40+. I plan on trying to replace the transistor in the keyer to see if that might solve the problem. Lynn, was gracious enough to allow me to borrow his Tick keyer. That's the nicest thing I have found from this hobby is the fact that so many people are always willing to lend a hand even if it means allowing someone to borrow their equipment. Lynn, lives in a very upscale section of the Birmingham metropolitan area and even though he has antenna restrictions, I was absolutely amazed to see his log book and QSL cards he has from contacts made on antennas that many hams would say would never work. The helps reassure me that you DON'T have to have 100' towers and live on top of a mountain to make contacts. I also got to see a cool Ten-Tec Argonaut and and couple of nice Heathkits along with a .38 special built into a Band Aid tin :)

I have a friend here in town that is a Extra class ham and has really discouraged me from going the QRP route to make contacts, but after seeing Lynn's accomplishments today, my faith is restored <grin>.

Well, once again "Thank you" to all who offered help with my problem and thanks to Lynn for allowing me to use his keyer. I hope his neighbors weren't too 'shook up' by the fact that there was a Sheriff's patrol unit in his driveway for a couple of hours, they did kind of give me a funny look as I was leaving this afternoon <grin>.

73 Jeff <-- who now has a borrowed, functional keyer to use :>

----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, A0-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA

Date: Sat, 17 Apr 1999 22:48:55 -0400
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [38401] Ten Tec
Message-ID: <19990417.224856.-614031.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone put a 10-turn pot on the Ten Tec QRP CW rig ? If so, what is involved in doing it.

fred w2xn

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 20:53:24 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "David Hurley, n2zhy" <n2zhy@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38402] Re: QRPTTF
Message-ID: <Pine.SUN.4.10.9904172048230.1659-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Apr 1999, David Hurley, n2zhy wrote:
> Here is the page with the "Taco Bell Finder":
>
> <http://www.tacobell.com/homepage/default2.asp>
>
> Happy burritos

Cool info, Dave. Thanks for posting it. That should answer lots of questions as to where some neat Taco Bells are for QRPTTF.

Remember, the official NorCal QRPTTF rules, section 3, sub-paragraph 12 states you do NOT have to actually consume Taco Bell food - just be there! Maybe next year we'll pick on "Outback" restaurants or something, in case you get the urge to actually eat there -hi. Besides, wouldn't that qualify for at least 1/2 DX?

Gud-die mites,
Paul NA5N

Date: Sat, 17 Apr 1999 20:20:18 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [38403] More QRPers headed for Hamcom 99 + additonal Regen Info
Message-ID: <01be894a\$62c7d080\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to Dr. Megacycle for posting the info on the regens. I am working on getting the schematics of Paul Harden's regens scanned in and then posted to the NorCal web page. I have them coming via fax tomorrow evening from Brien Pepperdine. Thanks Brien. Also, Mike is working on getting permission from Charles Kitchin to post his schematics on the NorCal page too. And, several have asked if they have to be there to enter. The answer is no, but you have to get your rig there. Please do not ask Jim, Paul or I to take your rigs, as we are traveling a long distance and it works much better if you get it to a local. Maybe one of the guys in Texas will step forward and volunteer to accept delivery of the rigs and get them back to you. Remember, though, if you do send your rig through the mail or UPS, that you are responsible, not the guy you are sending it to. Also, be sure to include a self addressed return address label and sufficient postage.

I have heard from Dub up in baja Kansas, and he has a crew headed for Dallas that includes:

Dub Thornton	WA5YFY
Clif Sikes	AB5UA
Dick Stemson	KK5X0

Vic Turner WA6EIW

John Carter W5LGO

Vernon Hatley KK5RO

Out of pocket, but very good possibilities are:

Burl Keeton N5DUQ

Bob Hynd N5URL

.

What about the Austin group? Can someone email me a list of guys coming from there? Also, Ed, do you have a list of the guys from Houston? Dr. Megacycle (Jim Duffey) is coming from Albuquerque, and don't forget that Jim Kortge committed yesterday. This is gonna be a Biiiiiiiiiiiiiiiiiiig Party.

I will post to the list when the Regen Schematics are up on the NorCal page. Meantime, if you find others, please let me know. One idea for a tuning cap for the Doug Demaw Regen is a Mouser part #24TR222. Don't bother with the tiny mounting screws, use epoxy instead or hot glue. Paul Harden used one of these caps on a Regen he built and it worked great.

Thanks Paul, Dr. Megacycle, and others for the Regen info. Let us all know what you find out there. 72, Doug, KI6DS

Date: Sat, 17 Apr 1999 23:13:05 -0400

From: mikemo@ibm.net

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [38404] Re: FS: QRP gear

Message-ID: <37194DC1.653DD636@ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The HW-8 is spoken for (several times ;-)

The other stuff is still available.

Thanks!

mikemo@ibm.net wrote:

>

> The K2 finance committee has authorized the liquidation of the following

> equipment. All prices are firm, unless you think they are too high...

> then just make an offer ;-)

Date: Sat, 17 Apr 1999 22:28:19 -0500

From: "John Burnley" <burnley-ia@worldnet.att.net>

To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>
Subject: [38405] Iowa QRP at Des Moines hamfest 4/24/99
Message-ID: <19990418032948.DW0A26565@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have a display table at the Des Moines hamfest on Saturday April 24, 1999 beginning at 8:00 am (when the hamfest doors open). We will be displaying member rigs, projects, other club info, and vendor information. If you would like your QRP or vendor information included at our table then let me know ASAP. We will use this info all hamfest season long.

The table will be active from 8:00am until 10:30am. I have a family commitment which requires me to leave a bit early.

Join us if you can!

72/73, John NU0V

Date: Sat, 17 Apr 1999 20:42:36 -0700
From: "Frank" <ke6vbm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <008c01be894d\$a7134e60\$4e67fea9@west->
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

postpone qrp-l

Date: Sat, 17 Apr 1999 23:44:43 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [38407] Re: QRPTTF
Message-ID: <19990417.174544.5391.1.kh6b@juno.com>

QRPTTF group,

Here in Hilo Hawaii, no borders. However, we do have a Taco Bell. It seems that we have already contracted for Moku Ola Island for the QRPTTF event. No Taco Bell on Moku Ola Island, AND no borders. Such is life. Did I tell you OUR menu includes steak and lobster?

Also we have to start putting together the field station in the middle of the night to be on the air at 6:00 a.m. Hawaiian time.

We will try to have two transmitters going using the call sign AL0HA. Maybe one or two of you might join us next year?

Aloha,

Dean KH6B
Hilo Hawaii

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 20:43:13 -0700 (PDT)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@lehigh.edu
Subject: [38408] Re:Regen Circuit
Message-ID: <v01530501b33e923f4cd6@[208.138.142.112]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is well timed indeed. I was thumbing through the library in my old home town when I came across a book from my youth, "Junior Electronics & Radio Experiments" In the back is a simple 3 transistor regen called a "Neophyte's DX'er" . I never got it going as a kid, but might just have to give it a whirl now, 30+ years later.

72
Mike WA6ARA

Date: Sat, 17 Apr 1999 20:48:51 -0700
From: "Frank" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <009f01be894e\$618df420\$4e67fea9@west->
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

suspend qrp-l ke6vhm

Date: Sat, 17 Apr 1999 22:19:40 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Dean W Manley <kh6b@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38410] Re: QRPTTF
Message-ID: <Pine.SUN.4.10.9904172206490.1932-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

HAWAII and ALASKA STATIONS: YOU ARE DX (TIMES TWO) FOR QRPTTF !!!

> QRPTTF group,
>
> Here in Hilo Hawaii, no borders. It seems that we have already
> contracted for Moku Ola Island for the QRPTTF event. No Taco Bell
> on Moku Ola Island, AND no borders. Such is life.

This is why we are giving Hawaii and Alaska DX status for QRPTTF,
because we realize you have no borders. So you ARE automatically
given the times 2 DX multiplier, or the same as if operating from a
border. Therefore, if you operate from HI and AK, you get to
multiply YOUR score by 2 also for the DX location. Life just looked
up, eh?

> Did I tell you OUR menu includes steak and lobster?

What? No mahi-mahi and poi?
I forget. What's the name of the locally brewed beer there?

> Also we have to start putting together the field station
> in the middle of the night to be on the air at 6:00 a.m.
> Hawaiian time.

I have received email from a couple of JA's that are going to stay up
until 2am to try and get the first few hours of QRPTTF in.

> We will try to have two transmitters going using the
> call sign AL0HA. Maybe one or two of you might
> join us next year?

Neat call. We'll be listening for that one! And next years
invitation is mighty tempting.

> Aloha,

Mahalo,
Paul NA5N

Date: Sat, 17 Apr 1999 23:56:25 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [38411] NC40a question
Message-ID: <199904180455.AAA00231@mail1.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just installed 10-turn pot in my NC40a
and added 2 turns on the vfo toroid to
take it down from the novice band.
Question: manual mentions expanding
band coverage by increasing the value
of C49, but also says that if it is
increased by very much, power will
be diminished at the edges of vfo
coverage. With the stock 47pf cap
I am getting 7.025 - 7.071, so what
would be a good value to replace C49 with
that would give me a bit more coverage
yet not too much loss in power?
(Yes, I want my cake and eat it too! Hi)

Thanks and 72/3,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sun, 18 Apr 1999 04:56:28 +0000 (/etc/localtime)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Subject: [38412] Pixie inductor experiments
Message-ID: <199904180456.EAA01193@okcforum.org>
Content-Type: text

While waiting for replies to my question about what value of inductor to use for various bands with a Pixie, I decided to do a little experimenting. I was looking at the values of the two inductors that came with my Pixie2 kit, and noticed that there seemed to be a simple linear relationship (i.e. 2.2 uH for 80-m, and 1.2 uH for 40-m). I asked myself, "What if it's just that simple?" I picked up the calculator and did a little arithmetic:

```

                2.2
            -----
estimate =      freq
            -----
                3.75
```

I got about .825 uH for an estimate (not calling it an answer because I have no idea if it's valid or not!) and then used the old coil formula to determine that it would take roughly 11-12 turns of #30 magenet wire close spaced on a 1/4" form. For a 1/4" form, I used a plastic straw. I managed to wind a decent coil by using a pin to prick two small holes in the straw, near each other, in line with the initial winding, and thread the initial winding through those holes, then after winding 12 turns, doing the same thing at the other end. Hey--this doesn't work bad! Just in case I decide I'm barking up the right tree, here, I have one of these coils with a stripe of nail polish across the windings to hold 'em close together, which I've left to dry. The next coil I made, I went ahead and played with now, and the windings did spread just a little in a couple of places. But this is just experimenting, anyway.

Meanwhile, while I was working on this, I said to myself, "Hey, as long as I don't transmit, I could live without the filter at all" and so I...

...uhm...let me digress for a second to lay out some background. On advice from KI6DS (thanks!....this one's great!) I made a "socket" for the inductor by breaking off a section of one side of a DIP socket. So, while I was working on the coil, I stuck my 10.116 MHz xtal from NorCal in the alligator clips, and a jumper made from a component lead across the inductor socket. Voila! ...I got CW, RTTY, and a couple of SWBC stations, all mixed in together. I guessed that when I got a coil in place, the SWBC would go away (which it did) but it was fun to listen while I finished working (got a little word on the latest from Kosovo, etc.).

I soldered the two ends of the coil to component leads, and used tweezers to push those into the socket. CW, RTTY, but no more SWBC.

I'm still not transmitting with this, because I don't know for sure that I've got the right inductor value. (Besides, none of the stations I've heard so far were anywhere near my frequency.)

Warning: This stuff can be addictive!

--Jim WB5UDE

Date: Sun, 18 Apr 1999 01:13:06 -0400
From: "Tom H" <biskit@snip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38413] QRP+ reviews
Message-ID: <011901be895a\$254cba80\$a44accd1@hybiske>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anybody have any performance reports on the Index Labs QRP + transceiver?

tnx,
Tom K3GM

Date: Sat, 17 Apr 1999 23:14:16 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@lehigh.edu
Cc: "Arthur G. Silvers" <ags@ieee.org>

Subject: [38414] Re: SST 20 Tuning Range - More!
Message-ID: <v03102816b33f27bfd266@[206.169.227.160]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Arth,

Thanks for the note on your success with the SST change I recommended. I'll be including this information in the next revision of the SST manual, and will also see if Bob Dyer obtains the same results. We might even change the resistor value sent with the kit, although having *too* wide of a tuning range can also be a problem with a small front-panel tuning pot such as on the SST.

By the way, it was design work I was doing on the K2 that led me to the SST mod -- there's a similar VCXO circuit in the K2 that serves as the reference for the PLL.

73,
Wayne
N6KR

>.....Then Wayne Burdick suggested that I reduce the
>value of R5, thus providing a wider voltage swing accross the varactors,
>to 9K from 100K. I though that a bit radical so I first tried reducing
>the resistance to half (50K) with the following results;
>
> MVAM108 14.022 - 14.048
> MV209 14.048 - 14.061
>
>Now that is promising results and motivated me to reduce R5 as Wayne
>recommended. So with a shunt 10K accross the original 100K, the net
>resistance is of R5 is 9K which resulted as follows;
>
> MVAM108 14.022 - 14.050
> MV209 14.041 - 14.0625.
>
>Bingo! As far as transmit stability is concerned, I received a 559 from
>Utah during the QSO party with a vertical dipole in the rafters of my
>garage before the XYL reminded me that we had tickets to the Berkely Rep
>and needed to get ready.
>
>Many thanks Wayne! And many thanks to those QRP-Lers who posted so many
>helpful notes. Now about this AGC section of the NC20.....
>
>72 Arth W6AGS

Date: Sun, 18 Apr 1999 07:46:04 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [38415] Trade HW-8
Message-ID: <d6c00c9d.244b1ffc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I have a stock HW-8 that is in great condition with manual that I would like to trade for another multi band QRP (something that has 30 meters) rig. Please send offers to Mercxx@aol.com. Thanks for reading. By the way it has no mods whatsoever. Feel free to email for details.

73s
Steve
N4TKP
FISTS 4922
QRP-L 1763
GQRP 10248

Date: Sun, 18 Apr 1999 07:51:02 -0400
From: Tom Palmer <n1tp@worldnet.att.net>
To: ke6vhm@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38416] Re:
Message-ID: <3719C726.DB296AB1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To "suspend" receiving messages open

<http://qrp.cc.nd.edu/QRP-L/clubinfo.html>

and click on "Postpone."

73, Tom, N1TP, Naples, Florida.

Frank wrote:

> suspend qrp-l ke6vhm

Date: Sun, 18 Apr 1999 08:25:14 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [38417] Corner Reflectors, Part 3
Message-ID: <Pine.GSO.4.10.9904180822480.1676-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In answer to a request for information on maximizing gain from a corner reflector, I have added part 3 to the series, on optimizing the model. This required just a little rewording and reorganizing in Parts 1 and 2, but I hope the pages remain useful. The series is listed in the VHF/UHF category in the main index.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/		(FAX)	(423) 974-3509
37938-4443 USA	/	\	\	\	\				cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html								

Date: Sun, 18 Apr 1999 08:35:10 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: hamjoel@juno.com, qrp-l@Lehigh.EDU
Subject: [38418] Re: drift in qrp+ using psk
Message-ID: <19990418.083518.-69437.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

joel and Group,

A suggestion,

Maybe the "drift" is due to temperature.

All components have a "temperature coefficient" (where the component value changes as its temperature changes) and some components of the same type (such as capacitors) are better than others (from a temperature stand point), (designed that way, to be more stable).

Identify the weak link and replace it with a more stable component.

Since products like "freeze mist" cover such a wide area (probably removed from the market anyway) another technique to isolate a temperature sensitive component is to dab a small (and the smaller the better) "q-tip" in alcohol ("rubbing" alcohol from the drug store, save the good stuff) and touch the component in question. A tooth pick with a very small drop of alcohol works too.

Gang, yes, we all saw the thread about "flux" and "fluids" (that was a duzy), please do not take us there again. The quantity of rubbing alcohol I am talking about would "sting you eye" and may delight your taste buds but will not harm the tip of your tongue.

Gang, yes, we know the difference in alcohols (please do not take us there again too..tnx...)

...Oh, the difference (you ask)... there is no hops in isopropyl...
HI... HI... !!

...That was a joke...

!! ** do not drink drug store rubbing alcohol ** !!

John
N3AAZ
FM19xa
.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 18 Apr 1999 06:50:19 -0600
From: Neil Klagge <w0yse@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [38419] Any QRP'rs near Aliso Viejo, CA??
Message-ID: <19990418.065020.-224229.1.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

CQ CA, CQ CA,

I am looking for QRP(or QRO) hams in or near Aliso Viejo, California. My purpose is to prepare for contact with family thru another ham during a disaster. If you have portable and/or emergency power capabilities and live near Aliso Viejo, I would like to hear from you. Please email me directly.

Thanks,

72 , Neil, w0yse, a QRP-L and GQRP-L digest reader.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 18 Apr 1999 09:09:29 -0400
From: Ed Lawson <elawson@lr.net>
To: qrp-l@lehigh.edu
Subject: [38420] PalmPilot Logging
Message-ID: <3719D989.7BCD9B1@lr.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In the QRP spirit, it seems the PalmPilot would make a good addition to a portable QRP station for logging. Does anyone know if a logging program has been written for it. With the basic model going for around \$130 now, it make getting one easier

Ed Lawson
K1VP

Date: Sun, 18 Apr 1999 08:11:48 -0500
From: W5TB <w5tb@softhome.net>
To: ki6ds@dpol.k12.ca.us, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38421] Re:Hamcom 99 + Regen Shipping
Message-ID: <3.0.3.32.19990418081148.007627c0@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:20 PM 4/17/99 -0700, Hendricks, Doug wrote:

>
ki6ds wrote:
>several have asked if they have to be there to enter. The answer is no, but
>you have to get your rig there. Please do not ask Jim, Paul or I to take
>your rigs, as we are traveling a long distance and it works much better if
>you get it to a local. Maybe one of the guys in Texas will step forward and
>volunteer to accept delivery of the rigs and get them back to you.
>Remember, though, if you do send your rig through the mail or UPS, that you
>are responsible, not the guy you are sending it to. Also, be sure to
>include a self addressed return address label and sufficient postage.

Guys - I will be at HAMCOM all three days running the QRP table. If you
would like me to accept delivery of your regen rig and get it back to you
please e-mail me and we'll work out the details. Please do not ship your
rig blind as I want to be sure to know what to look for.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
NORCAL ZOMBIE ARRL Life Member QRPARCI # 3252
QRP-L #673 FISTS # 5365

Date: Sun, 18 Apr 1999 09:28:25 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [38422] Palm Logging
Message-ID: <000501be899f\$5c9003e0\$d337fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ray's Palm Archive is one of the largest depositories of Palm programs on the web. Many are free. Go to <http://www.palmcentral.com/>

I found none that were specifically for logging, however there is no reason that the memo function and/or the existing address list function couldn't already fill the bill. Simply add a new category called CallLog and start logging. I have been a Palm User for 3 years now...great tool.

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>

Date: Sun, 18 Apr 1999 13:45:12 -0400
From: wa8rxi@juno.com
To: n1tp@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [38423] Re:
Message-ID: <19990418.134754.-216147.1.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Sun, 18 Apr 1999 07:51:02 -0400 Tom Palmer <n1tp@worldnet.att.net> writes:

>To "suspend" receiving messages open
>
><http://qrp.cc.nd.edu/QRP-L/clubinfo.html>
>
>and click on "Postpone."
>
>73, Tom, N1TP, Naples, Florida.
>
>Frank wrote:

>
>> suspend qrp-l ke6vhm
=====

Or,
send E-mail to: listserv@Lehigh.EDU

no subject
with... SET QRP-L MAIL POSTPONE ...in body of message

72, Rick - WA8RXI Taylor, MI.
Blue, Orange, Green, Brown, Slate!
White, Red, Black, Yellow, Violet, Mate!

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 18 Apr 1999 09:44:06 -0500
From: Gary Harrison <k0bc@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [38424] QRPTTF
Message-ID: <4.1.19990418093556.00b8fb80@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everyone,

A crew from the local area (Bolivar & Springfield MO) intend to operate QRPTTF from the Borders of Missouri, Oklahoma and Arkansas. We will be near Southwest City Missouri if anyone would like to join us. The list of operators is growing by the day. Sorry to report no Taco Bell in sight anywhere!!

Email direct to me for directions to the site.

We will operate as N0EA. Hope to hear you on the air from MO/OK/AR.

73,
Gary Harrison, K0BC
QCWA President
see our website at: <http://www.qcwa.org>
Ask me about our Scholarship Fund!

Date: Sun, 18 Apr 1999 09:58:44 -0500
From: Mike Boice <boice@bigfoot.com>
To: QRP-L@Lehigh.EDU
Subject: [38425] [FS] Alpha Delta 80-10 short dipole - price dropped
Message-ID: <3.0.5.32.19990418095844.007998b0@mailbox.arn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I've dropped the price to \$80.

For sale: NEW in bag - never opened - Alpha Delta DX-CC 80-40-20-15-10m shortened dipole. They advertise "no traps" yet it's only 82 feet long. This was given to me recently but I can't use it due to rental and space problems.

HRO sells this for \$110, AES for \$120. I'll let it go for \$80 including standard ground shipping in continental US. Shipping to elsewhere will be actual cost only.

Thanks, and remember to reply directly only!

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 18 Apr 1999 10:25:05 -0500
From: Mike Boice <boice@bigfoot.com>
To: QRP-L@Lehigh.EDU
Subject: [38426] [FS] partially built QRP 30m xcvr
Message-ID: <3.0.5.32.19990418102505.0079d7d0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For sale: another ham just gave me his partially built 30m transceiver. He just doesn't have the time to finish it. It's from the 1992 Handbook, chapter 30, figure 33, as well as 12/90 and 1/91 QST ("A Portable QRP CW Transceiver for 20 and 30 Meters"). It's probably in other Handbook editions, too, but I didn't see it in my 1997 edition. I don't have any assembly details or schematics available. The circuit boards are from FAR.

It's almost done (he tells me), just needing a few jumpers still installed (it's a 2 board kit) and alignment. He's a competent engineer, so the assembly quality should be good. He installed it in an old Apple aluminum disk drive case, and has already drilled the necessary holes for switches, jacks etc (none of which are included).

I already have a Sierra, and a K2 is on the way, so I'd like to see this go to a good home. I don't want to take it out of the case, so I'll pay any shipping over the standard priority mail fee. How does \$10 plus \$3.20

shipping sound?

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 18 Apr 1999 10:26:14 -0500
From: Mike Boice <boice@bigfoot.com>
To: QRP-L@Lehigh.EDU
Subject: [38427] [FS] New circuit boards for 20/30m xcvr
Message-ID: <3.0.5.32.19990418102614.0079f8f0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For sale: as in my previous "partially built 30m xcvr" post, these boards are from the 1992 ARRL Handbook, chapter 30, figure 33, "A Portable QRP CW Transceiver for 20/30 Meters." THESE ARE JUST THE NEW BOARDS, no components. The fellow who gave them to me (who partially built the 30m version) was also going to build the 20m version, but never got started.

FAR lists these for \$13 for the pair, plus shipping, but I'll sell them for \$8, including shipping. FAR also says the rigs were described in the 12/90 and 1/91 issues of QST. I don't have any further info for assembly, but I'm sure plenty here on the list do :-)

Please reply direct, not to the list.

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 18 Apr 1999 15:39:56 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38428] Re: Ten is a no go!
Message-ID: <3719EEBC.A5B7F9C4@cadvision.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Paul:

As ever a great explanation for the masses. Even us
old guys who live and breath "the numbers" need
a quick refresher once in a while.

Hey, I always have fun, I just shifted to 20 and let the
QRO stations call me!!

--

73 es have fun
Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Sun, 18 Apr 1999 09:01:34 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [38429] spring bouquet...bad condx...
Message-ID: <371A01DD.C03020C3@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

i hope VE3HKY got all my info right...a 339 to 229 QSO...yuck.

(and if he did...tnx for hangin in there)

Date: Sun, 18 Apr 1999 12:09:22 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [38430] Re: QRPTTF
Message-ID: <19990418.061013.5375.0.kh6b@juno.com>

Paul and QRPTTF group,

Thanks, Paul, for pointing out the X2 mult. I feel better now. :-)
Our diets have changed somewhat since fish and poi days.
However, "sticky rice" is still on the menu. Primo Beer quit
several years ago.

Our two rigs for the event are the Elecraft K2 and SG-2020.

BTW, we use the event as a warmup for the ARRL FD thing.

Throughout the year, our local gang meets DAILY at the
Hilo Jack-in-the-Box. You can't miss it. It's located next door
to the Taco Bell at the 2-mile marker on Volcano Highway.
The strategy gathering normally runs 8:30-10:30 a.m.
Join us when visiting the Aloha State. Many have.

Aloha,

Dean KH6B
Hilo Hawaii

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 18 Apr 1999 10:12:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>
Subject: [38431] TRILLIUM FOR GRABS (fwd)
Message-ID: <Pine.LNX.3.95.990418101115.26631A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

----- Forwarded message -----
Date: Sun, 18 Apr 1999 10:09:23 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: TRILLIUM FOR GRABS

Hi Ross, and the Gang:

Could hear you in there Ross, and tried a comeback a few times, but
guess the wire dipole on this end just doesn't have enough gain, and
then the BIG DIGITAL doesn't help either. CONGRATS on the stations you
managed to give Trilliums to. NICE JOB!!

Watch for: Don(VE6DN) 20M 14.060 CW 19:00Z-21:00Z (TODAY SUNDAY)
Bruce(VE5QRP) 20M/15M/10/SSB 19:00Z-21:00Z (TODAY SUNDAY)

Happy pickings!!...72...Earl(VE6EWM)

Date: Sun, 18 Apr 1999 12:47:43 -0400 (EDT)
From: "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
To: Earl Murphy <earlmurf@telusplanet.net>
Cc: Multiple Recipients of List <qrp-l@lehigh.edu>, Canadian QRP List <qrp-canada@lists.gpfn.sk.ca>
Subject: [38432] Spring Bouquet Trillium Station Tuesday
Message-ID: <Pine.SGI.3.96.990418124341.7174B-100000@nev.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All!

I will once again be on this coming Tuesday evening giving out Trilliums to all who want them. I will be on 22:30Z to 00:30Z on April 20, starting at 7.070 +/- SSB (also listening up in the U.S. SSB Portion of the band) and working later on 7.114 +/- CW (probably from 23:30 to 00:30).

Hope to work many of you then.

CG3JFF 20 APRIL 22:30-23:30 7.070 +/- SSB
CG3JFF 20 APRIL 23:30-00:30 7.114 +/- CW

73/72

Jeff - VA3JFF
<http://www.geocities.com/Colosseum/2572/QRP.html>

Date: Sun, 18 Apr 1999 11:54:40 -0500
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [38433] Live in MO? IL? KS? OK? IA? AR?
Message-ID: <000401be89bc\$265ae2a0\$0100a8c0@elwood>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, well this isn't completely QRP but read on... I'm president of the Central Missouri Radio Association, and have been put in charge of advertising for our hamfest this year. For those of you who don't know us, we draw from Boone County (including Columbia), Audrain County, etc. In past years, our hamfest has been, well, less than wonderful - but we've got an all new committee and they're trying VERY hard to build the hamfest a great reputation. We *plan* to have Mosley and Glen Martin Engineering there, as well as some commercial vendors like Associated Radio and others (disclaimer: we're in negotiations with these guys - not guaranteed yet). We're trying for a nice big flea market as well - indoors! What I'm looking for is any list members from MO or the surrounding states who might be willing to do one of three things:

- 1) Allow us to visit your club and talk up our hamfest, give out some of our sharp-looking flyers, etc. We would of course take any materials you have about yours and bring them back to share with our members. This is subject to distance limitations - we might not have time to get to your club if it's far away but we'll sure try.
- 2) Give us your club's mailing address and allow us to mail you a big stack of our flyers. Promise us you'll share them with your members ;)
- 3) Here's the big one - if you're willing to share your hamfest's FLEAMARKET mailing list, send it along and we'll contact these people to see if they're interested in coming down to our hamfest. This should help us have a great fleamarket, something we know you guys and gals are looking for! Also, if you have a hamfest coming up let us know about it and we'll try to attend (of course we'll have some flyers along with us)...

As I said, we're trying very hard to make this a great hamfest. In past years, it hasn't been so successful, but we know that with the proper effort it can be. We're providing lots of things like night-before setup with security, ladies' hospitality room, a nice grand prize, walk-in VE testing, climate-controlled facility, etc. Anything we can do to make this the second-best hamfest you go to all year (first, of course is Dayton)).

As for the QRP aspect: Anyone from the STL QRP Club listening? We sure would like to see you guys at a table! Same goes for any other QRP clubs in the area... If we get enough QRP interest we would try and get some special speakers in next year ;) We've got a few club members that are really getting interested in QRP and would like to share thoughts and ideas through an eyeball QSO with the rest of you!

Thanks for the list space guys, I really appreciate it...

Nathan
KB0NNV

Date: Sun, 18 Apr 1999 12:16:05 -0500
From: "Junius B. Fox" <w5hir@ghg.net>
To: qrp-1@lehigh.edu
Subject: [38434] New e-mail address
Message-ID: <3.0.1.32.19990418121605.007c6960@mail.ghg.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Please make a note of my new e-mail address.

it is: w5hir@ghg.net

foxy

Date: Sun, 18 Apr 1999 12:24:57 -0500
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [38435] Transistor
Message-ID: <199904181724.MAA26046x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Can anyone tell me is Radio Shack carries an equivalent to a NPN type
transistor MPS6514?

73 Jeff W4JEF

----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, AO-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA

Date: Sun, 18 Apr 1999 13:38:28 -0400

From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [38436] FS: GPS/HT's/10Mtr
Message-ID: <19990418.133933.-5397.3.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Tax Man Taketh this year! Thanks to that, I have to put 5the following up on the block:

1 - Garmin GPS 38 hand-held GPS unit. 1 year old, runs on 4 "AA" batteries and give location in Lat/Long or grids. Asking \$80 shipped

2 - 3 Icom HT's, an IC2AT, IC3AT and IC4AT. Minor problems with the 2 Meter and 70 cm unit, dirty controls mostly and the batteries are shot, new sells needed there. I have either 2 or 3 DC-1 DC adapters, have to check. Asking \$150 shipped for all 3 with what accessories I have

3 - Radio Shack HTX-100, just gone thru at Radio shack end of 1998. The QRP setting is turned back to 1.5 watts, and Hi Power is about 30 watts. Asking \$150 shipped

Drop me a line here, or call me at 716.494.1239

BTW: No Trades on these. Uncle Sam wanted CASH, and I had to cough it up as such!

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 18 Apr 1999 13:00:41 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [38437] Re: [FS] New circuit boards for 20/30m xcvr
Message-ID: <3.0.6.32.19990418130041.0092f6b0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Due to an overwhelming response, the boards are already spoken for. Thanks!

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 18 Apr 1999 13:01:49 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [38438] Re: [FS] partially built QRP 30m xcvr
Message-ID: <3.0.6.32.19990418130149.00925650@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Due to overwhelming response on this rig, it's already spoken for (I should have asked more for it!). Thanks!

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 18 Apr 1999 14:38:29 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [38439] FS
Message-ID: <371A26A5.8A6D87C7@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Too many kits to finish. I offer the following as a package:
A rainbow tuner built on the circuit board.
A San Luis Custom Enclosure.
The parts to put the tuner into the enclosure.

Just put the rainbow and parts into the custom enclosure and you're done.

I have \$75.00 in it. I'll ship Conus for the same.
Ken
W4DU

Date: Sun, 18 Apr 1999 11:55:44 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [38440] QRPTTF: Six Days Left! Got yer sunscreen?
Message-ID: <199904181855.LAA08520@usr05.primenet.com>

Howdy Folks,

A mere six days left to pick your QRPTTF sites!
Whether that's a mountain ridge, a farmer's prairie,
a Taco Bell parking lot, or your den is up to you. :)

Full rules are at the NorCal website, plus we'll have
a QRPTTF Summary Sheet (ASCII-format!) up soon.

Sorry I dropped off the radar all last week. 'Twas
interesting, but survived. Even managed to keep my
project on schedule at the office. :-)

Just about to compile the latest QRPTTF Op Hit List,
will have that out this afternoon. Need to run catch
up on 9 days of QRP-L traffic to add more ops.

For those of you choosing to stay home, the wx looks
like it may be darn nice. Wanna try setting up in the
backyard? Work on that tan while working QRPers. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, Random NorCal Contest Critter

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Sun, 18 Apr 1999 13:18:29 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <qrp-l@lehigh.edu>
Subject: [38441] FS 2mtr/440 HT&Acc
Message-ID: <199904181917.NAA27056@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

For Sale Icom ICW2A dual band with BC 72A Desk Charger, BC77A wall charger, AD20 charg adapter, CP13 cigar lighter cable with filter, 2 ea BP90 battery cases with nicads installed, speaker mike \$425 shipped conus. Need money to buy more QRP stuff reply direct Cal KF7ET colcal@srv.net

Date: Sun, 18 Apr 1999 12:26:03 -0700
From: "Robert Friess" <rfriess@ibm.net>
To: <biskit@snip.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38442] Re: QRP+ reviews
Message-ID: <00a501be89d1\$51c09ba0\$2f7d48a6@bobspd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

I had a QRP++ for awhile and it seemed to work generally work well. The receiver was not great on CW (audio filter) and the break in was not great, but OK. Just never look at the output on a spectrum analyzer. It was one of the dirtiest things that I have ever seen. It almost met FCC specs, but it was really ugly with many spurs only 30 or 40 dB down.

73,
Bob, N6CM

----- Original Message -----
From: Tom H <biskit@snip.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, April 17, 1999 10:13 PM
Subject: QRP+ reviews

> Does anybody have any performance reports on the Index Labs QRP +
> transceiver?
>
> tnx,
> Tom K3GM
>
>

Date: Sun, 18 Apr 1999 15:25:55 EDT
From: KC7MES@aol.com
To: qrp-1@lehigh.edu
Subject: [38443] NorCal 40a (again!)
Message-ID: <fbcfb216.244b8bc3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, I'd like to thank everyone for their feedback about how to get more power out of my 40a, and it seems that I need a new final. However, I've been looking through all the catalogs of the major suppliers (Digikey, Mouser, Newark, etc) and can't locate a MRF237. Can someone please point to a source for one or suggest an exceptable alternative? Thank you,

Rob, KC7MES

Date: Sun, 18 Apr 1999 12:58:44 -0700
From: "Radman" <radman@best.com>
To: <KC7MES@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38444] Re: NorCal 40a (again!)
Message-ID: <199904181956.MAA19425@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Rob,

RF Parts has MRF237s for \$6.85 ea. However, they have a \$25 min order.
Lots of other cool stuff on their site to help make up a minimum order ;)

Check out: <http://www.rfparts.com/> or call:

760-744-0700
800-737-2787

GL -- Conrad -- NN6CW

///snip/// can't locate a MRF237. Can someone please point to a source for one or suggest an exceptable alternative?

Rob, KC7MES

Date: Sun, 18 Apr 1999 13:12:42 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38445] Diamond's new switching PS...
Message-ID: <199904182010.NAA12886@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Gang,

If you're in the market for a high-current, variable voltage (5-15 VDC) switching power supply -- metered, with a front-firing speaker -- check out Diamond's new GZV4000 at RF Parts. URL: <http://www.rfparts.com/>

Specs follow:

Size: 8.25 x 13 x 4.5
40 Amp Continuous Rating, 100% Duty Cycle.
Variable Voltage Control 5-15 VDC.
Voltage Control Knob has center detent at 13.5 VDC.
Overload & short-circuit protection with Current Foldback at approximately 42 Amp.
Over Temperature Protection. Variable Speed Fan automatically controlled for Quiet Operation.
Meter Selector allows monitoring of voltage & current.
Access to front panel DC Terminals and Cigarette Lighter Jack.
Built in 8W Speaker.
Circuitry yields high RFI protection from external sources.
AC line filter for EMI protection.
Standard 3-wire Heavy Duty line cord.

Power Indicator & Overload Indicator.
Accepts 120 VAC 20% 50-60 cps.
Ripple & Noise less than 8 mV r.m.s.
Weight: 8 lbs.

Manufacturer's Suggested Price:

\$229.95

72,

Conrad -- NN6CW

Date: Sun, 18 Apr 1999 16:22:59 -0400
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [38446] Spring Bouquet
Message-ID: <371A3F22.B898B4A6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don, at VE6DN (Calgary, Alberta) is
CQing "SB" on 14.061 with clear freq.
and good condx.

73, Tom, N1TP.

Date: Sun, 18 Apr 1999 13:26:55 -0700
From: Stan Goldstein <stan@cruzio.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38447] [Fwd: NorCal 40a (again!)]
Message-ID: <371A400F.6BD4899B@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Stan Goldstein wrote:

>
> I used a pull from an old cb radio rather than the mrf 237.
> Look for an old cb at a flea market for about 2-5 bux.
> The trans I used is the bigger flat tab type, but there is plenty of room in
> there to do it.
> y
> The e-b leads are reversed, but I just mounted it crossing the leads.
>
> I then mounted a "freestanding" heat sink that looks like a wing to the tab of
> the transistor.
>
> Barely gets warm at 5 w .
>
> Stan , N6XU
>
> KC7MES@aol.com wrote:
> >
> > OK, I'd like to thank everyone for their feedback about how to get more power
> > out of my 40a, and it seems that I need a new final. However, I've been
> > looking through all the catalogs of the major suppliers (Digikey, Mouser,
> > Newark, etc) and can't locate a MRF237. Can someone please point to a source
> > for one or suggest an acceptable alternative? Thank you,
> >
> > Rob, KC7MES

Date: Sun, 18 Apr 1999 16:49:18 -0400
From: "wayne reed" <wlreed@viaduct.custom.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [38448] Fw: PSK31
Message-ID: <016301be89dc\$ef62e9c0\$434961ce@q7c8d5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Help!

I'm still trying to decode RTTY by ear!! How do you guys do that?

to quote someone else "if your not having fun, your not doing it right"

Wayne Reed, K9NE

-----Original Message-----

From: John L. Sielke <n4js@pobox.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, April 16, 1999 12:14 PM
Subject: RE: PSK31

>
>With this type of thinking, I would have to junk my keyer, my Elecraft K2
rig,
>my LDG autotuner, etc, because, horrors, they are "computer aided."
>
>I thought the comments on "pure qrp" a few months ago were asinine, with
the
>self-righteous contingent patting themselves on the back for using only
indoor
>wire antennas. I didn't comment then, but I cannot help wondering if this
>self-righteous, luddite crap is not a late April fool's spoof?
>
>The idea of playing with PSK31 is to have some fun, for me. If there are
>contests, certificates, etc., that makes it more fun. Maybe my computer did
do
>some of the work. Hey, if I didn't want technology, I would communicate by
>smoke signals.
>
>On 16-Apr-99 Bruce Muscolino wrote:
>> John, and gang,
>>
>> I am going to take a probably unpopular point of view here. But first,
>> let me congratulate you on the clear explanation of PSK31 and also let
>> me say I am not inherently against different modes of operation.
>>
>> PSK31 is an computer aided communitactions technique. Left to your own
>> devices you could not decode a PSK31 transmission, in fact you probably
>> would not know it was there. Similar, but more audible modes are RTTY,
>> AMTOR, and PACKET.
>>
>> I ask what do you bring to the communication but a pile of technology?
>> Your computer does almost everything to make the contact except maybe,
>> typing the message. Perhaps your award should be in the name of your
>> computer. You don't tune the radio except roughly. You don't decode
>> the signal, in fact you cannot even hear it very well.
>>
>> I think getting a certificate for making a contact with Merry Olde
>> England is like setting up a CW decoder and entering teh ARRL code
>> proficiency test at 35 wpm! The QSO with England is to be congratulated
>> even though it is not especially rare or difficult. To get an award for
>> it is Questionable, even if the award has PSK31 overprinted.
>>
>> I'm sorry for the apparent "flaming" here, but it does bother me. Your
>> comments are welcome.

>>
>> 73
>>
>> Bruce
>
>---
>
> /_ \ /_ \ /_ \ /_ \ John L. Sielke n4js@pobox.com n4js@qsl.net
> (N) (4) (J) (S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
> _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
>

Date: Sun, 18 Apr 1999 17:21:52 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [38449] Projects, projecrts, projects...
Message-ID: <199904182208.SAA11333@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi Gang,

Thought I'd give you all an update on some of the projects going on here.

New "MINI" DDS VFO

I was hoping to have these ready by now, but getting some of the parts has taken longer than expected. I now have everything but a latching PB slide switch, of all things. Monday I'll see what the lead time is or look for alturnative supply.

In any event. it shouldn't be much longer now, so if you want to reserve one, you can send a check anytime now.

If you missed the original post on this DDS VFO, it is designed to replace the diode tuned VFO found in most common qrp rigs. It has a range of 100 Khz to 9.5 Mhz, takes up very little front panel space, has a built in keyer, RIT, knob tuned and best of all, costs only \$55.00 (\$5.00 S+H) (Built and tested) (you need a frequency counter or access to one to program your desired tuning range and program the unique "LED Dial")

Low cost 30 Mhz Signal Generator.

My original idea for this became too complicated and expensive, so I went back and made some changes. I replaced the expensive MCL VCO and mixer with a common NE602. I was hoping to also eliminate the PLL and cpu, but turns out these are needed to make the sig gen stable and usable. The latest prototype tunes from about 500 Khz to 30 Mhz, in 5 Khz steps. The output level is adjustable up to about 0 dBm. Currently I'm using a LCD display for freq readout, but may look into a 7 seg led display. I should be able to supply this sig gen for under \$75.00

dBm Power Meter

This is another project that's been on the back burner for awhile. A break through occurred recently when I thought up a way to make an accurate, high resolution A/D converter using little more than a dual op amp, a resistor and cap, under uP control. Exactly how this works is currently a trade secret :-)

Anyway, the active measurement device is the Analog Devices AD8307 log amp. I have it set up to measure -40.0 dBm to +40.0 dBm, or 100 nanowatts to 40 watts. Actually, the full scale is limited by the built in dummy load to 10 - 15 watts. Display is a three digit 7 seg led. The price on this kit should run under \$75.00 also.

SA/SA MRK IIa

While at Atlanticon, Chuck Adams suggested to me that I make the SA/SA available again. This is a low cost spectrum analyzer, which spans 1 to 90 Mhz, has 60 dB of dynamic range and is used with a scope. I made a couple of improvements to the original design, which eliminated an image problem for signals above 25 Mhz, reduced warm up drift of the sweep ramp and improved the DR a tad. While not quite as good as the W7Z0I - W7TAU SA, this one is 1/4 the cost and a lot easier to build, yet is still a very useful and valuable tool to have on your work bench. This kit will sell for \$100.00 It wouldn't take long to get this kit in production again, depending on interest.

I can't afford to have all these kits available at once, so please let me know which one(s) you'd be interested in and we'll go from there!

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 18 Apr 1999 18:42:55 EDT
From: RadioKOL@aol.com
To: qrp-1@lehigh.edu
Subject: [38450] For Sale: Something For Everyone
Message-ID: <6e865d6.244bb9ef@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale-All items priced less shipping. If price too high, make offer.
Cashier Checks or money orders preferred. If you're
interested, but
waiting for tax refund, etc, let me know, I am not going to
go hungry
if I don't sell right away.

\$ 60 KC-2 Digital Freq/keyer/watt-meter/S-meter from Wilderness radio.
Built and working, with manual.
\$ 45 SWL-40+ CW Xcvr from Small Wonder Labs
Built, but not "tuned", working on receive, not tested on xmit
with manual
----OR-----Buy both for \$ 105 and it comes mounted in a RS 270-253 enclosure.

\$ 50 80m SSB Xcvr from Dans Small Parts. Mostly all built. Receives well,
Xmit

not tested. Board and pots, built, with manual.
\$ 45 80m SSB Epiphyte. One of the original Norcal offerings, but partially
built on

a Far Circuits EPI -2 board. Most parts, including hard to find,
included.

\$70 MFJ-949D Versa Tuner II, 300 Watt, with Xerox'ed manual. Needs
calibration.

\$80 RS Pro-50 Scanner, 20 channel, direct entry programmable.
30-54, 137-174, 380-512 MHZ. Does not require crystals.

\$60 Heath IT-17 Tube checker, with manual,

\$200 Hallicrafters SX-117 Rcvr, HT-44 Xmtr,, PS-150-120 Power Supply/speaker
Receiver works great. Xmtr missing finals. With manual.

\$150 Yaesu FT901D Xcvr. Receive good, new finals plus a spare set. Has
trouble

"loading" on xmit, some repair probable needed. With manual.

\$25 RS Pro-54 Scanner, 8 channel, crystal controlled (about \$4 ea at Radio
Shack)

Nice shape,
\$20 Regency 20 channel scanner. Crystal controlled.
\$15 Bearcat III scanner, 8 channel, crystal controlled.
\$10 Hand held xtal controlled Bearcat Four-Six, six channel scanner
\$10 Hand held xtal controlled RadioShack, four channel scanner
\$275 Tesoro Bandido II Micro-Max metal detector, with Tesoro carrying
bag and Tesoro headphones.
Bill Nickrand, KB9KOL

Date: Sun, 18 Apr 1999 18:56:19 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [38451] Reply TO Replies ON QRP+ Drift in psk mode
Message-ID: <19990418.185621.-223037.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

dearest gang:

thanks for the many suggestions..

Heating the rig and keeping it at an even temperature seems to be the most frequent suggestion...

I also recived a detailed suggestion on checking parts and stablizing the osc. to the "n" degree...

Taking these suggestions to heart I have placed the rig on top of our wood stove and am keeping a "two log" fire going in the stove...

I have also taken out my saw, hammer, chizzel, screwdrivers and cutting plies along with the crazy glue (to hold the new parts in place)... and will attempt surgery if the heat doesn't work....

I have a rs ten dollar multi meter for testing ...so I should be ok in the test equipment dept...

I will make no comment about the use of ALCOHOL on the little rig EXCEPT to say that I doweded the thing with a bottle of gooodsouthern "gator-hol"..... and the rig seemed to stabalize for a short time then the digital display winked at me and the tuning knob smiled and the speaker up-chucked or sumpthin..... happiest I have ever seen that little rig....

Well, I'll try the suggestions and maybe let Leroy (my pet gator) give the rig a "chomp test".... if things don't go well...

PS

my cajun mom says hi y'all

joel
kella

in maine
just drifting a bit...

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or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1430

